

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## TRANSMITTAL FORM

*(to be used for all correspondence after initial filing)*

		Application Number	09/254,864
		Filing Date	March 15, 1999
		First Named Inventor	Shinji USUBA et al.
		Group Art Unit	2663
		Examiner Name	S. Hyun
Total Number of Pages in This Submission		Attorney Docket Number	32014-141676

## ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s)	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

RECEIVED

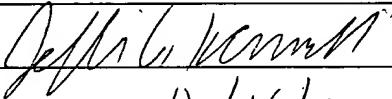
DEC 26 2002

Technology Center 2600

TECHNOLOGY CENTER 2600

DEC 20 2002  
RECEIVED

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Venable P.O. Box 34385 Washington, D.C. 20043-9998	 26694 PATENT TRADEMARK OFFICE
Signature		
Date	12/16/02	

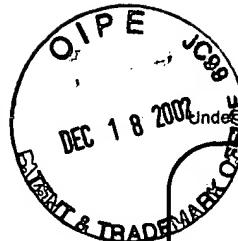
## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

Typed or printed name	
Signature	
	Date



SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

**TOTAL AMOUNT OF PAYMENT** (\$ 1262)

Complete if Known

Application Number	09/254,864
Filing Date	March 15, 1999
First Named Inventor	Shinji USUBA et al.
Examiner Name	S. Hyun
Group / Art Unit	2663

Attorney Docket No. 32014-141676

METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																																																																																																																																															
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:  Deposit Account Number: 22-0661				3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65 Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25 Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130 Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520 For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920* Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840* Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55 Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200 Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460 Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720 Extension for reply within fourth month</td><td>920.00</td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>980 Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160 Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160 Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140 Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510 Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55 Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,280</td><td>241</td><td>640 Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,280</td><td>242</td><td>640 Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>460</td><td>243</td><td>230 Design issue fee</td><td></td></tr> <tr><td>144</td><td>620</td><td>244</td><td>310 Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130 Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50 Processing fee under 37 CFR 1.17 (q)</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180 Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40 Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>740</td><td>246</td><td>370 Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149</td><td>740</td><td>249</td><td>370 For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>179</td><td>740</td><td>279</td><td>370 Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900 Request for expedited examination or a design application</td><td></td></tr> <tr><td colspan="5">Other fee (specify)</td></tr> <tr> <td colspan="4">*Reduced by Basic Filing Fee Paid</td> <td>SUBTOTAL (3) (\$ 920)</td> </tr> </tbody> </table>					Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65 Surcharge - late filing fee or oath		127	50	227	25 Surcharge - late provisional filing fee or cover sheet.		139	130	139	130 Non-English specification		147	2,520	147	2,520 For filing a request for reexamination		112	920*	112	920* Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840* Requesting publication of SIR after Examiner action		115	110	215	55 Extension for reply within first month		116	400	216	200 Extension for reply within second month		117	920	217	460 Extension for reply within third month		118	1,440	218	720 Extension for reply within fourth month	920.00	128	1,960	228	980 Extension for reply within fifth month		119	320	219	160 Notice of Appeal		120	320	220	160 Filing a brief in support of an appeal		121	280	221	140 Request for oral hearing		138	1,510	138	1,510 Petition to institute a public use proceeding		140	110	240	55 Petition to revive - unavoidable		141	1,280	241	640 Petition to revive - unintentional		142	1,280	242	640 Utility issue fee (or reissue)		143	460	243	230 Design issue fee		144	620	244	310 Plant issue fee		122	130	122	130 Petitions to the Commissioner		123	50	123	50 Processing fee under 37 CFR 1.17 (q)		126	180	126	180 Submission of Information Disclosure Stmt		581	40	581	40 Recording each patent assignment per property (times number of properties)		146	740	246	370 Filing a submission after final rejection (37 CFR § 1.129(a))		149	740	249	370 For each additional invention to be examined (37 CFR § 1.129(b))		179	740	279	370 Request for Continued Examination (RCE)		169	900	169	900 Request for expedited examination or a design application		Other fee (specify)					*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$ 920)
Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																															
105	130	205	65 Surcharge - late filing fee or oath																																																																																																																																																																
127	50	227	25 Surcharge - late provisional filing fee or cover sheet.																																																																																																																																																																
139	130	139	130 Non-English specification																																																																																																																																																																
147	2,520	147	2,520 For filing a request for reexamination																																																																																																																																																																
112	920*	112	920* Requesting publication of SIR prior to Examiner action																																																																																																																																																																
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action																																																																																																																																																																
115	110	215	55 Extension for reply within first month																																																																																																																																																																
116	400	216	200 Extension for reply within second month																																																																																																																																																																
117	920	217	460 Extension for reply within third month																																																																																																																																																																
118	1,440	218	720 Extension for reply within fourth month	920.00																																																																																																																																																															
128	1,960	228	980 Extension for reply within fifth month																																																																																																																																																																
119	320	219	160 Notice of Appeal																																																																																																																																																																
120	320	220	160 Filing a brief in support of an appeal																																																																																																																																																																
121	280	221	140 Request for oral hearing																																																																																																																																																																
138	1,510	138	1,510 Petition to institute a public use proceeding																																																																																																																																																																
140	110	240	55 Petition to revive - unavoidable																																																																																																																																																																
141	1,280	241	640 Petition to revive - unintentional																																																																																																																																																																
142	1,280	242	640 Utility issue fee (or reissue)																																																																																																																																																																
143	460	243	230 Design issue fee																																																																																																																																																																
144	620	244	310 Plant issue fee																																																																																																																																																																
122	130	122	130 Petitions to the Commissioner																																																																																																																																																																
123	50	123	50 Processing fee under 37 CFR 1.17 (q)																																																																																																																																																																
126	180	126	180 Submission of Information Disclosure Stmt																																																																																																																																																																
581	40	581	40 Recording each patent assignment per property (times number of properties)																																																																																																																																																																
146	740	246	370 Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																
149	740	249	370 For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																
179	740	279	370 Request for Continued Examination (RCE)																																																																																																																																																																
169	900	169	900 Request for expedited examination or a design application																																																																																																																																																																
Other fee (specify)																																																																																																																																																																			
*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$ 920)																																																																																																																																																															
2. EXTRA CLAIM FEES <table border="1"> <thead> <tr> <th>Total Claims</th> <th>25</th> <th>-20 **</th> <th>= 5</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Independent Claims</td> <td>6</td> <td>-3 **</td> <td>= 3</td> <td>X 84</td> <td>= 252</td> <td></td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td></td> <td>X 0</td> <td>= 0</td> <td></td> </tr> </tbody> </table>				Total Claims	25	-20 **	= 5	Extra Claims	Fee from below	Fee Paid	Independent Claims	6	-3 **	= 3	X 84	= 252		Multiple Dependent				X 0	= 0																																																																																																																																												
Total Claims	25	-20 **	= 5	Extra Claims	Fee from below	Fee Paid																																																																																																																																																													
Independent Claims	6	-3 **	= 3	X 84	= 252																																																																																																																																																														
Multiple Dependent				X 0	= 0																																																																																																																																																														
Large Entity Fee (\$) <table border="1"> <thead> <tr> <th>Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9 Claims in excess of 20</td></tr> <tr><td>102</td><td>84</td><td>202</td><td>42 Independent claims in excess of 3</td></tr> <tr><td>104</td><td>280</td><td>204</td><td>140 Multiple dependent claim, if not paid</td></tr> <tr><td>109</td><td>84</td><td>209</td><td>42 ** Reissue independent claims over original patent</td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9 ** Reissue claims in excess of 20 and over original patent</td></tr> </tbody> </table>				Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	103	18	203	9 Claims in excess of 20	102	84	202	42 Independent claims in excess of 3	104	280	204	140 Multiple dependent claim, if not paid	109	84	209	42 ** Reissue independent claims over original patent	110	18	210	9 ** Reissue claims in excess of 20 and over original patent																																																																																																																																								
Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description																																																																																																																																																																
103	18	203	9 Claims in excess of 20																																																																																																																																																																
102	84	202	42 Independent claims in excess of 3																																																																																																																																																																
104	280	204	140 Multiple dependent claim, if not paid																																																																																																																																																																
109	84	209	42 ** Reissue independent claims over original patent																																																																																																																																																																
110	18	210	9 ** Reissue claims in excess of 20 and over original patent																																																																																																																																																																
SUBTOTAL (2) (\$ 342)																																																																																																																																																																			

\*\*or number previously paid, if greater; For Reissues, see above

SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	Jeffri A. Kaminski	Registration No. Attorney/Agent)	42,709	Telephone	202-962-4800
Signature	<i>Jeffri A. Kaminski</i>			Date	12/18/02

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

